

ABELEVICH, L.A.; YEFR DOV, V.V., prof., doktor tekhn. nauk, red.;

KOMAROVA, M.V., red.; TUPITSYNA, L.A., red.izd-va;

YASHUKOVA, N.V., tekhn. red.

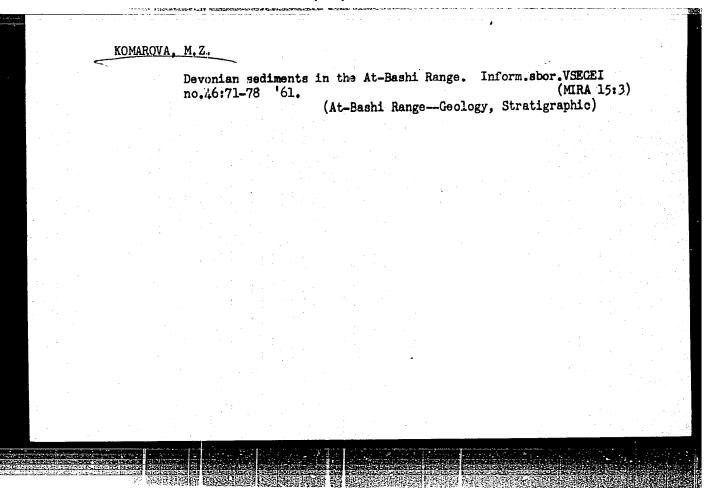
[Running-in and testing motor-vehicle units in overhauling]

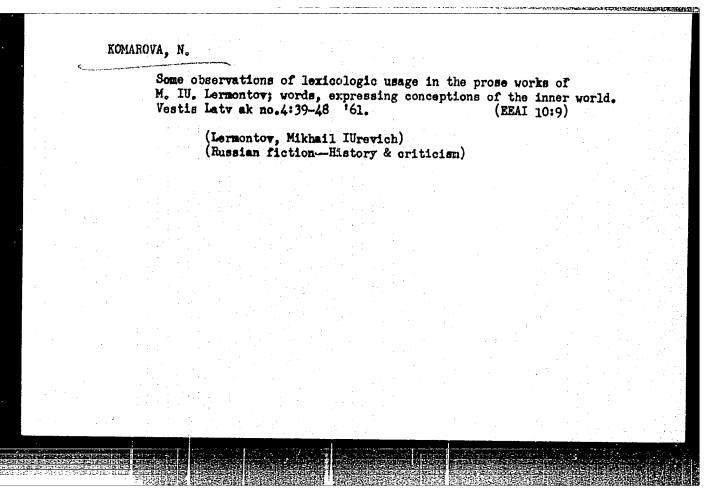
Prirabotka i ispytanic agregatov avtomobilei pri kapital:

nom remonte. Pod red. V.V.Efremova. Rosvuzizdat, 1963. 42 p.

(MIRA 16:12)

(Motor vehicles—Maintenance and repair)

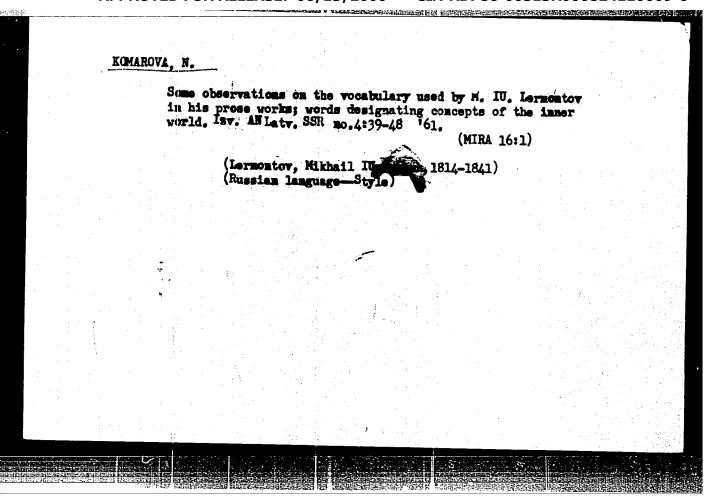




KOSSOVA, V.P.; KOMAROVA, N.

Changes in the strength of fluxed sinter in relation to the mineralogical composition and microstructure. Izv.vys.ucheb. zav.; chern. met. 8 no.4:59-64 *65. (MIRA 18:4)

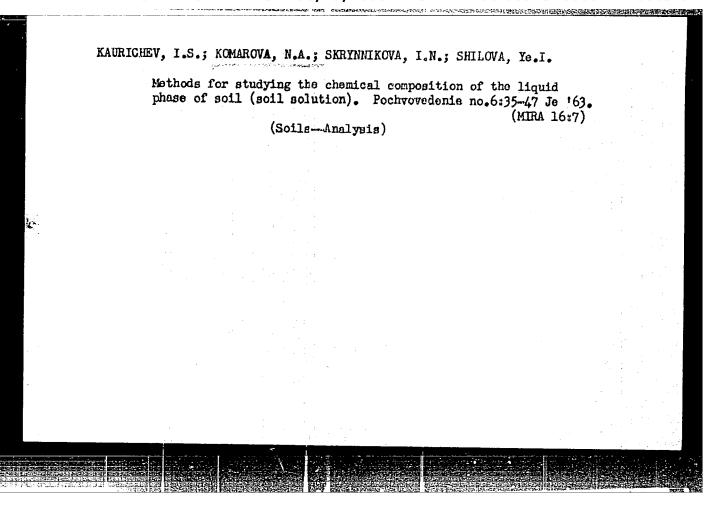
1. Kamyshburunskiy zhelezorudnyy kombinat.

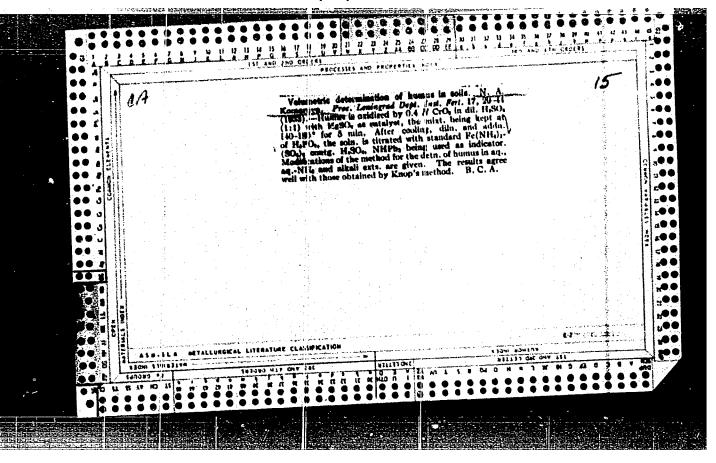


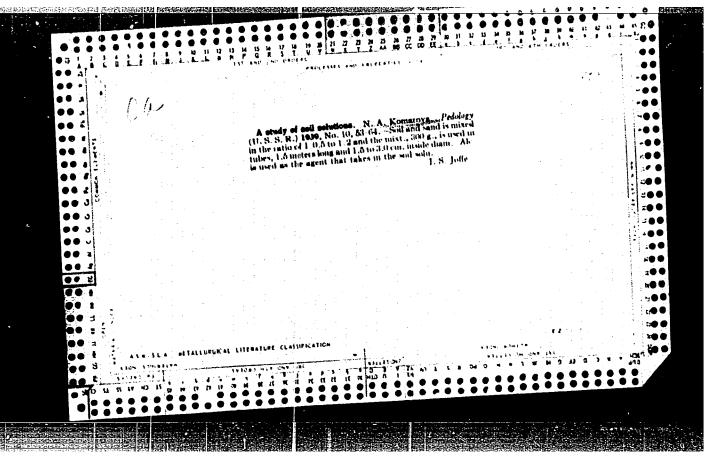
DZHAFARIDZE, P.N.(Tbilisi); KOMAROVA, N.A.(Tbilisi)

Criteria for the development of optimum heating conditions for a new coking procedure. Isv. AN SSSR. Otd. tekh. nauk. Met.i topl. no.5:227-233 S-0 '60. (MIRA 13:11)

(Coke ovens)







KONAROVA, N. A.

"Displacement of Soil Solutions by Substituting Liquids and the Utilization of a Method in Soil Investigation." Cand Geoi-Min Sci, Soil Inst, Acad Sci USSR, 3 Mar 54.

Dissertation (Vechernyaya Moskva Moscow, 22 Feb 54)

SO: SUM 186 19 Aug 1954

USSR/Miscellareous - Soil science

Gard 1/1 Pub. 22 - 34/45

Authors : Kryukov, P. A., and Komarova, N. A.

Title : Pressing out of water from clays at ultra-high pressures

Periodical : Dok. AN SSSR 99/4, 617-619, Dec 1, 1954

Abstract : The phenomena connected with the separation of water from clays and some other gels were investigated to establish the composition of solutions which saturate the soil or its deposits. Results obtained are described. Seven USSR references (1933-1952). Graph; drawing.

Institution:

Presented by: Academician I. V. Tyurin, June 21, 1954

D.

KOMAROVA N. F.

USSR/Cosmochemistry - Geochemistry. Hydrochemistry

: Referat Zhur - Khimiya, No 2, 1957, 4208

Author

Abs Jour

Komarova

Title

: Displacement of Solutions from the Soil by the Method

of Liquid Substitution

: Gidrokhim. materialy, 1955, 24, 56-59

Abstract

: An investigation was carried cut of the capacity of various liquids to displace solutions from sand, silica gel and the soil. Best displacing agents, suitable for use with different materials, were found to be dioxane and ethyl alcohol, the next best being methyl alcohol, acetone and water. It is recommended to carry out the displacement of solutions in long narrow tubes 1-1.5 m high, with an internal diameter of 1.5-4 cm. Addition to the scil and ground specimens of washed quartz sand accelerates the process of displacement of the solution.

Card 1/1 Soil Incl. in V.Y. Dokushayer AS USSR

APRROVED FOR RELEASE TO 6/13 (2000 1 cmc FA1RD PS6-00) 13 R00082 \$110009-6" System.

Abs Jour : Rof Zhur- Biol., No 7, 1958, No 31202

Aut:hor

: Komerove N.A.

Inst

Not Given

Title

: Innervation of Skin and Its Derivatives.

Orig Fub : V sb.: Probl. morfol. nervn. sistemy, L., Medgiz, 1956,

108-111

Abstract : Sections of skinwere studied of nasal-labial speculum of horned cettle, human fingers, oers, cyclids and lips and noses of healthy cots and cots with a sympathetic ganglion of the upper neck removed and with 2 and 3 spinal ganglia of the neck romoved. Nerve endings were found in all parts of the skin, in all of its derivatives, in all vessels of the skin, including the erterio-vein enestomoses. Ending in the erteriovein enestenoses have a type of end-plate in the nuscles of the heirs - a type of thin-boudhy bush, in the cells of the sebacoous glands - a type of small rings and reticular

Cord

magn/soil Science. - Physical and Chemical Properties of Soils. NOMAROYA, N.A.

SOV/69-21-2-11/22

5(

AUTHORS:

Komarova, N.A. and Kryukov, P.A.

TITLE:

The Determination of the Activity of Sodium Ions in Disperse Systems (Opredeleniye aktivnosti ionov natriya v dispersnykh

sistemakh)

PERIODICAL:

Kolloidnyy zhurnal, 1959, Nr 2, pp 189-194 (USSR)

ABSTRACT:

The authors report on an investigation of the behaviour of aluminium silicate and boron silicate glass electrodes in sodium salt solutions carried out to clarify the conditions of their use for the determination of the activity of sodium ions. The capability of such electrodes to react not only on hydrogen but also on sodium ions was recently established by the works of M.M. Shul'ts and other scientists. For their experiments the authors used glass electrodes with a varying content of Na 20, B 20, Al 20, and SiO 2. It was ascertained that they react on sodium ions, and that they can be used for the determination of the activity of these ions in soil solutions, soil suspensions and wet soil. The investigation was carried out under the guidance of I.N. Anti-

Card 1/2

CIA-RDP86-00513R000824110009-6 **APPROVED FOR RELEASE: 06/13/2000**

SOV/69-21-2-11/22

The Determination of the Activity of Sodium Ions in Disperse Systems

pov-Karatayev. There are 7 tables and 8 Soviet references.

ASSOCIATION: Pochvennyy institut AN SSSR im. V.V. Dokuchayeva, Moskva

(Soil Institute of the AS USSR imeni V.V. Dokuchayev, Mos-

cow)

SUBMITTED:

January 16, 1959

Card 2/2

HUBISOV, M.V.; MIKHLINA, Ye.Ye.; VOROB'YEVA, V. Ya.; KCMAROVA, N.A.

Synthesis of 2,5,8-trisubstituted quinuclidine. Zhur. ob.
khim. 34 no.7:2218-2221 Jl '64 (MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.

ACC NR: AP6029082

SOURCE CODE: UR/0413/66/000/014/0156/0156

INVENTOR: Rubtsov, M. V.; Mikhlina, Ye. Ye.; Vorob'yeva, V. Ya.; Lobanov, D. I.; Komarova, N. A.

ORG: none

TITLE: Preparation of 1-carbethoxymethyl-4-carbethoxypiperidine. Class 12,

No. 149106

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 156

TOPIC TAGS: carbetine proting the better proting proting at the second compound compound

ABSTRACT: To increase the yield and to simplify the preparation of the title compound by alkylation of ethyl isonipecate (I) with ethyl chloro-acetate, the hydrochloride of I is alkylated in anhydrous ethanol in

the presence of Na₂CO₃. [WA-50; CBE No.:11]

SUB CODE: 07/ SUBM DATE: 05Sep61

Card 1/1

ACC ARPROVEDDFOR RELEASE: 06/13/2000 CE CTA-RDP86-00513R000824110009-6"

INVENTOR: Rubtsov, M. V.; Mikhlina, Ye. Ye.; Vorob'yeva, V. Ya.; Lobanov, D. I.; Komarova, N. A.

ORG: none

TITLE: Preparation of 1-carbethoxymethyl-4-carbethoxypiperidine. Class 12,

No. 149106

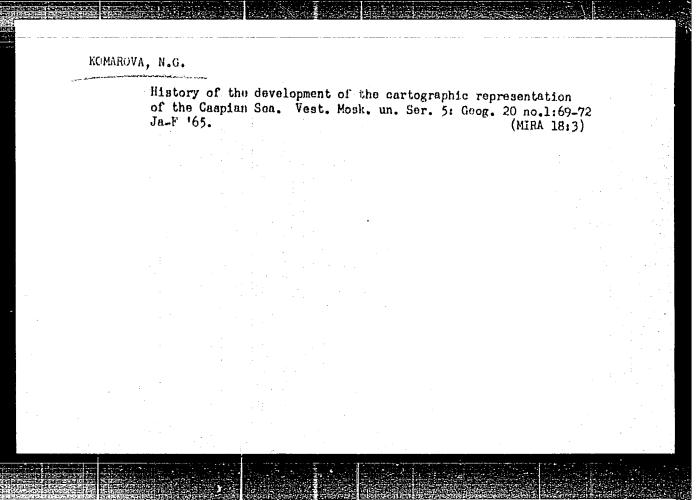
SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 156

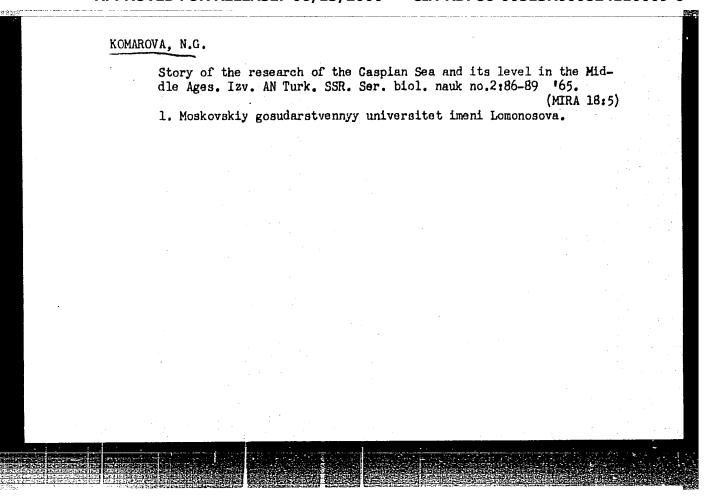
TOPIC TAGS: control to the control of the control o

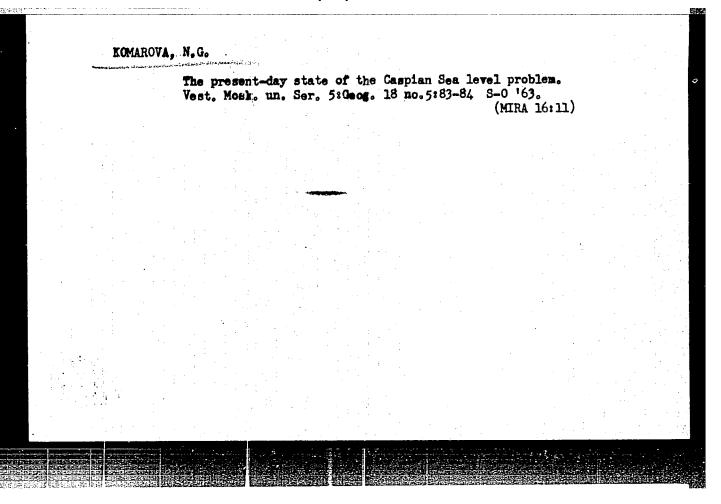
ABSTRACT: To increase the yield and to simplify the preparation of the title compound by alkylation of ethyl isonipecate (I) with ethyl chloro-acetate, the hydrochloride of I is alkylated in anhydrous ethanol in the presence of Na₂CO₃. [WA-50; CBE No. [11]

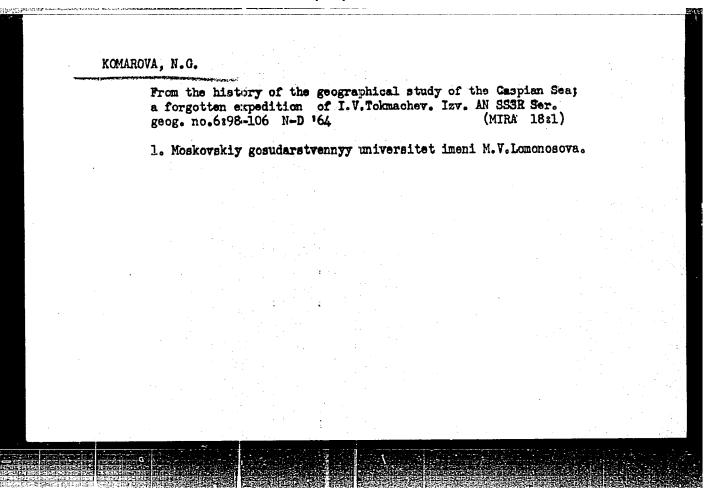
SUB CODE: 07/ SUBM DATE: 05Sep61

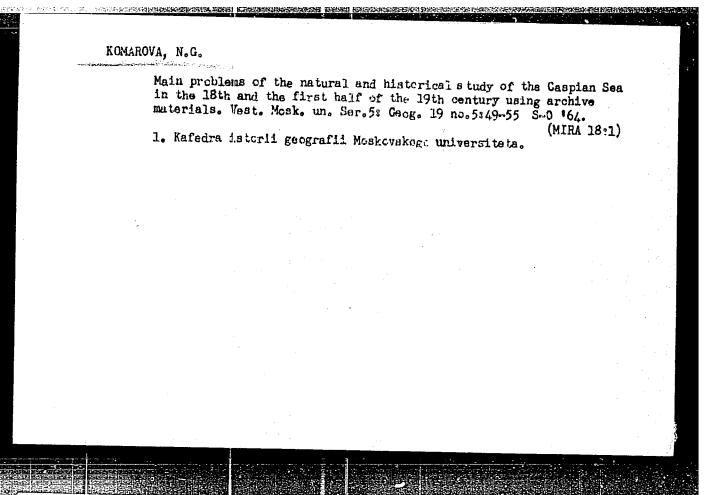
Card 1/1









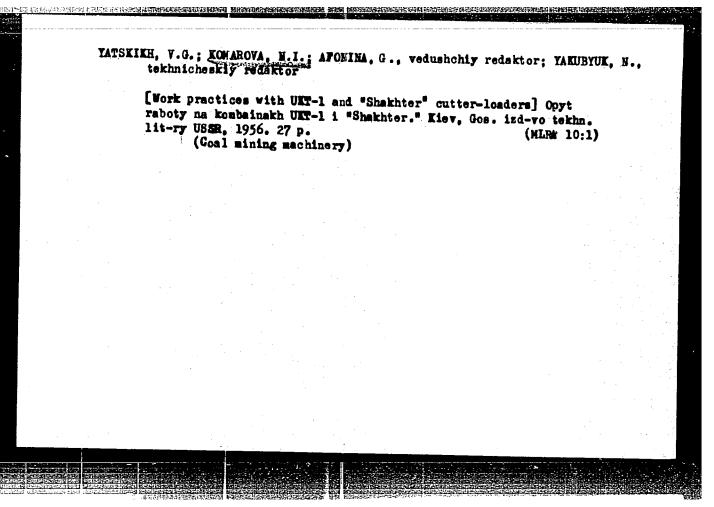


YATSKIKH, V.G.; KOMAROVA, H.I.; AFONIHA, G., vedushchiy redektor; YAKUBIUK, H.,
tekhniche MIT THIRKOT

[Work experience with the "Gorniak" cutter-loader] Opyt ruboty na
kombaine "Gorniak." Kiev, Gos. ixd-vo tekhn. lit-ry USSR, 1956.
18 p.

(Goal mining machinery)

(Goal mining machinery)



The state of the s

YATSKIM, V.Q.; KOMAROVA, H.I.; APONIHA, G., vedushchiy redaktor; YAKUBYUK, B., tekhnicheskiy redaktor

[Work with UEMG-47 and UEMG-2m cutter-loaders] Opyt raboty na kombainakh UEMG-47 i UEMG-2m. Kiev, Gos. ind-vo tekhn. lit-ry USER, 1956. 31 p. (MIRA 10:1)

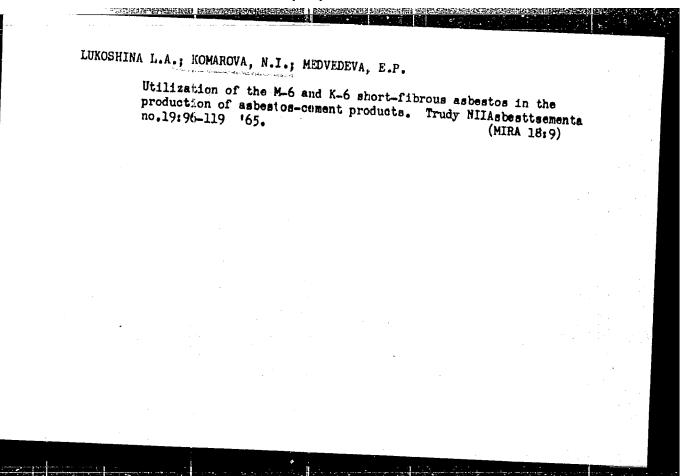
(Gonl mining machinery)

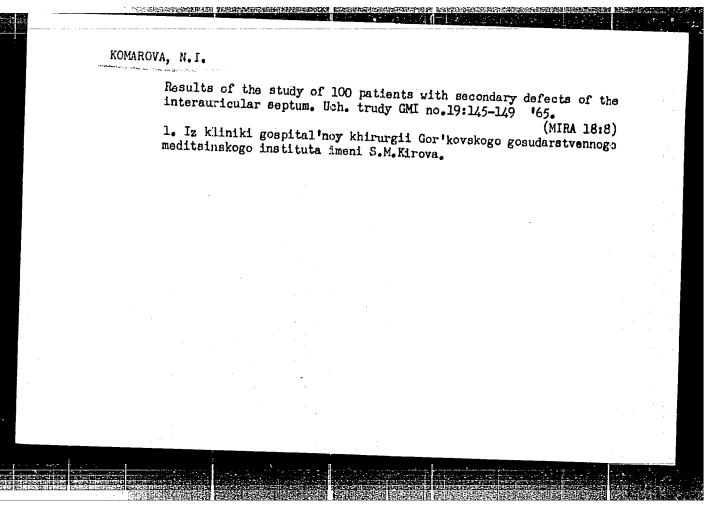
YATSKIKH, V.G.; KCMAROVA, M.I.; AFONIMA, G., vedushchiy redaktor; YAKUBYUK, M. tekhnicheskiy redaktor

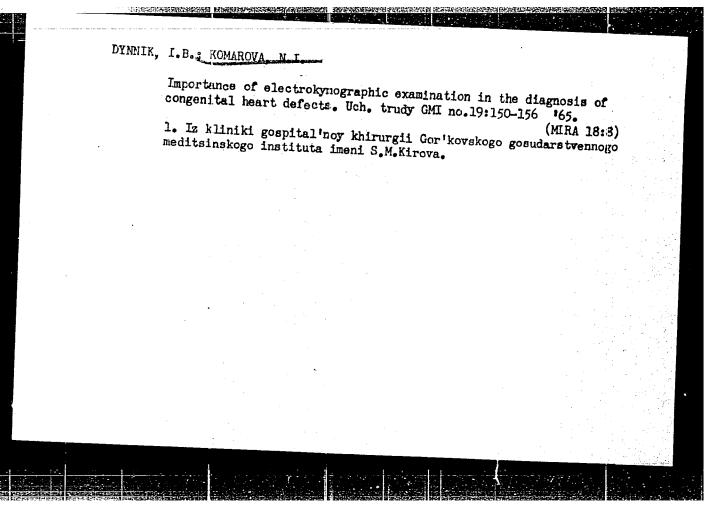
[Work with the "Donbass" cutter-loader] Opyt raboty na kombaine
"Donbass." Kiev, Gos. isd-vo tekhn. lit-ry USSR, 1956. 34 p.

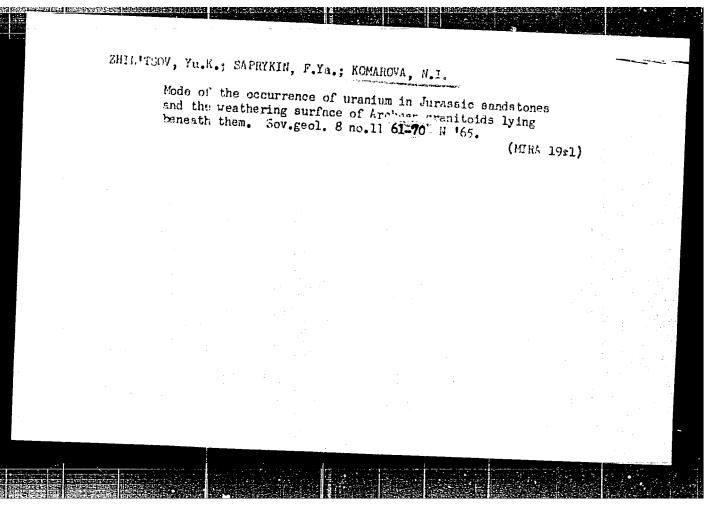
(Gos.l mining machinery)

(HIRA 10:1)









LOKTIONOVA, N.A.; RASTVOROVA, N.M.; KOVRIZHIYKH, V.G.; KOMAROVA, N.K.;

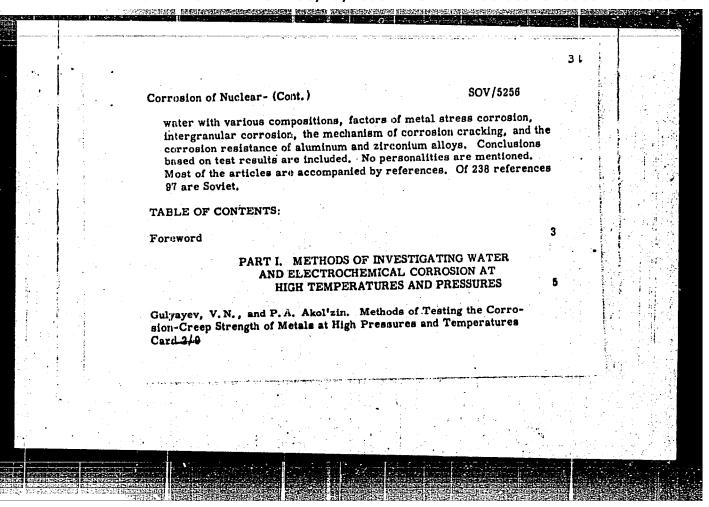
TELIS, M.Ya.; DOBATKIN, V.I., rukovoditel raboty; Prinimali
uchastiye: VINOKUROV, N.G.; PONAGAYBO, Yu.N.; PERETYKINA, I.N.;
BULGAKOV, G.F.; PYATUNINA, V.I.; TITKOV, S.M.; KALMYKOV, K.V.;
BRASLAVSKIY, D.N.; VEYSMAN, S.Ya.; APER'YANOVA, N.N.;
PANTYUSHKOVA, N.S.; PRIVEZENTSEVA, T.V.

Ways to reduce warping of large-size parts made of the AK4-1 alloy. Alium. splavy no.3:271-284 164.

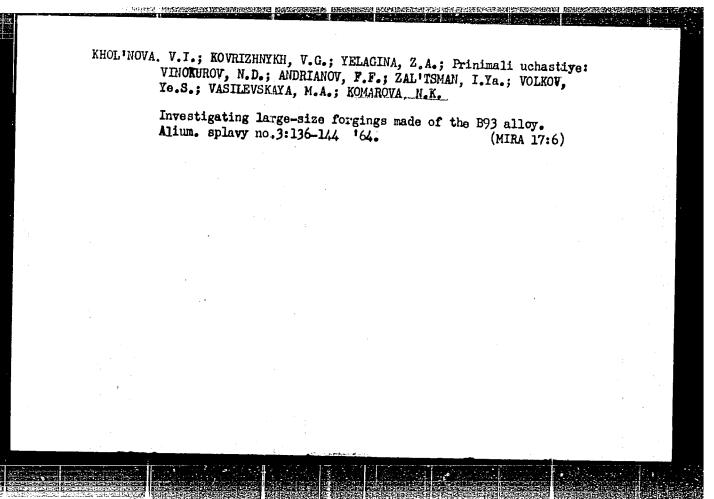
(MIRA 17:6)

18.8300 30645 s/081/61/000/020/**0**58/**0**89 AUTHORS: B102/B147 Andronov, G. G., Komarova, N. K. TITLE: Purification of a reactor circuit from corrosion products PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1961, 263, abstract 201189 (Sb. "Korroziya reaktorn. materialov". M., Atomizdat, TEXT: A solution is recommended for washing the circuit of a GBP- [(VVR-S) reactor made of Al alloy, which has the following composition: Cro 20g/lite. H₃PO₄ 35 milliliters/liter (specif. weight 1.68); temperature~20°C; duration of treatment: until corrosion products are completely dissolved. The etching solution is removed from the whole reactor (tank and circuit) by repeated and careful washing with distilled water. Washing with 8% HNO3 solution is not recommended because intercrystalline corrosion might [Abstracter's note: Complete translation.] Card 1/1

KOMAROVA, N.K. 36 PHASE I BOOK EXPLOITATION SOV/5256 Gerasimov, Valentin Vladimirovich, ed., Candidate of Chemical Sciences. Korroziya reaktornykh materialov; sbornik statey (Corrosion of Nuclear-Reactor Materials; a Collection of Articles) Moscow, Atomizdat, 1960. 284 p. 3,700 copies printed. Ed.; A. I. Zavodchikova; Tech. Ed.; Ye. I. Mazel'. PURPOSE: This collection of articles is intended for mechanical and metallurgical engineers as well as for scientific research workers concerned with the construction of nuclear reactors. COVERAGE: The water corrosion of various types of stainless steel and alloys under high pressures and temperatures is investigated from the point of view of the use of these materials for the construction of nuclear reactors. Attention is given to the following: the use of oxygen for protecting steel against corrosion, the behavior of steel in high-temperature Card 1/8-



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	Corrosion of Nuclear- (Cont.)	~		
	vestigating the Mechanism of High-Purity Water Corrosion of Zirconium Alloys With Niobium	V/5256		
	Tolstaya, M.A., G.N. Gradusov, and S.V. Bogatyreva. Investigating Water Corrosion Resistance of Zirconium Alloy	250		
	Gerasimov, V.V., and V.N. Aleksandrova. Investigating the Electrochemical Behavior of Zirconium	264		
	Andronov, G. G., and N. K. Komarova. Removing Corrosion Products From the Heat Exchanger of a Reactor	274		
	AVAILABLE: Library of Congress (TA462, G4)	277		
	Card 9/8	VK/wrc/bc 10-12-61		



NIKOLAYEV, Yevgeniy Vladimirovich; BOYNOVICH, D.I., inzh., retsenzent; KUZNETSOV, M.V., inzh., retsenzent; OSMINKIN, Ya.M., nauchn. red.; KOMAROVA, N.K., red.

[Safety measures on shipyard sidings] Tekhnika bezopasnosti na podⁿezdnykh putiakh sudostroitel nykh predpriiatii. Leningrad, Sudostroenie, 1965. 54 p. (MIRA 18:3)

ACCESSION NR: AT4037668

5/2981/64/000/003/0271/0284

AUTHOR: Loktionova, N. A.; Rastvorova, N. M.; Kovrizhny*kh, V. G.; Komarova, N. K. Telis, M. Ya.

TITLE: Ways to reduce warping of large parts made of alloy AK4-1

SOURCE: Alyuminiyevy*ye splavy*, no. 3, 1964. Deformiruyemy*ye splavy* (Malleable alloys), 271-284

TOPIC TAGS: alloy AK4-1, extruded hollow cylinder, hollow cylinder warping, cooling stress, warping, alloy heat treatment, hoiling water quenching, alloy mechanical property, aluminum alloy

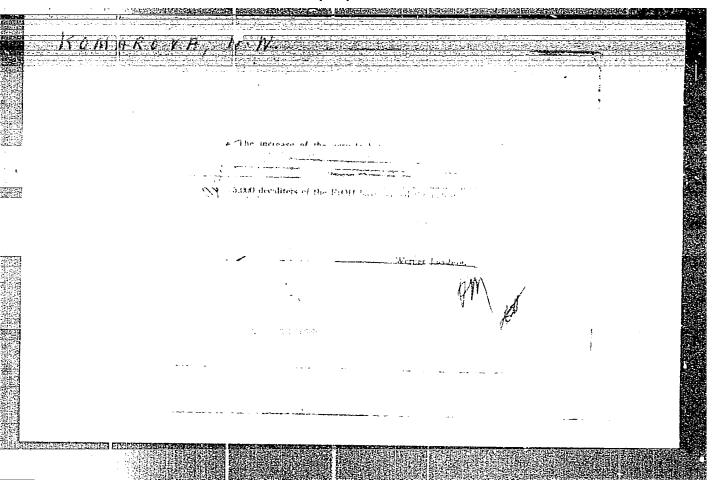
ABSTRACT: The authors report on a study designed to eliminate residual cooling stresses, which result in a rejection rate of up to 50% due to warping in machining. Inversely extruded and pierced hollow cylinders (wall thickness 32.5-50.5 mm, outside diameter 591-855 mm, height 156-823 mm, weight 37 to 180 kg), manufactured in serial production from homogenized ingots of alloy AK4-1, were hardened (45 min. in a niter bath at 528 ± 5C, quenched 2 min. in lukewarm or 5 min. in boiling water) and aged 10 hrs. at 190C, then tested to determine effects of quenching in boiling water on mechanical properties, microstructure and warping. Effects of aging temperature were evaluated in a separate series, where the latter was varied

Card 1/2

KRASOVSKIY, I.V.; SHTEYNGART, M.V.; KCMAROVA, N.M.

Analysis of binary liquid medicinal mixtures of non-electrolytes by the method of surface tension. Apt. delo 10 no.3:34-39 My-Je '61. (MIRA 14:7)

1. Kafedra fizicheskoy khimii Khar'kovskogo farmatsevticheskogc instituta. (SOLUTIONS (PHARMACY))



STOLYARSKIY, Lev L'vovich, Prinimal uchastiye GLOZMAN, M.K., kand. tekhn. nauk; ADLERSHTEYN, L.TS., inzh., retsenzent; FINKEL', G.N., inzh., retsenzent; RIMMER, A.I., inzh., nauchn. red.; KOMAROVA, N.P., red.

[Verifying operations in the finishing stages of shipbuilding and in ship repair] Fraverochnye raboty pri dostroike i remonte sudov. Leningrad, Sudostroenie, 1965. 159 p.

(MIRA 18:8)

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.; YANKOVSKAYA, Z.V.; POKROVSKIY, M.N., otv. red.; PENOVA, Ye.M., red.; SOSIPATROV, O.A., red.; KOMAROVA, N.P., red.

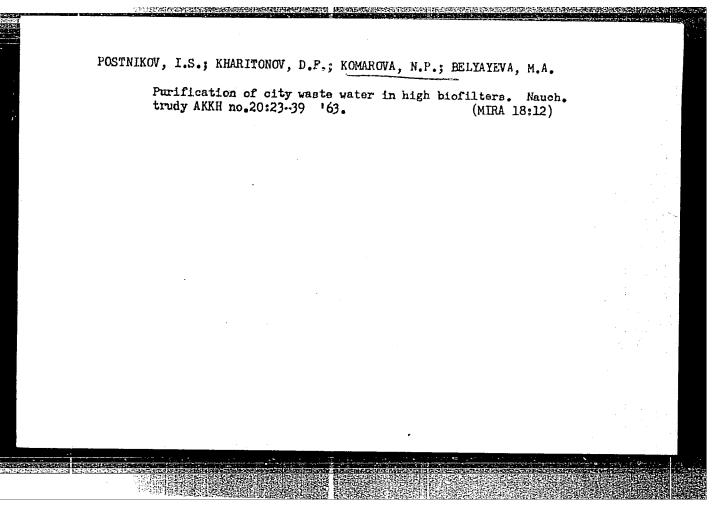
[Handbook on safety engineering and industrial sanitation in three volumes] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v trekh tomakh. Leningrad, Sudostroenie. Vol.2. 1965. 679 p. (MIRA 18:10)

1. Russia (1923- U.S.S.R.) Laws, statutes, etc.

		Welding room vessels	i for the for work	automatic deposition of an anticorraggressive media. Svarka 2:77-83		159.	
			(Welding		(Corrosion and anticorrsive	(METER AL PL	
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KOPEL' MAN-SERPUKHOVA, Z.I., ARDENTOV, V.V., kand. tekhn. nauk, KOMAROVA, N.P.

Mew composition of a welding chromium-nickel-niobium austenitic wire. Svar. proizv. no.2:27-29 F 160. (MIRA 13:6) (Electric welding) (Metal cladding)

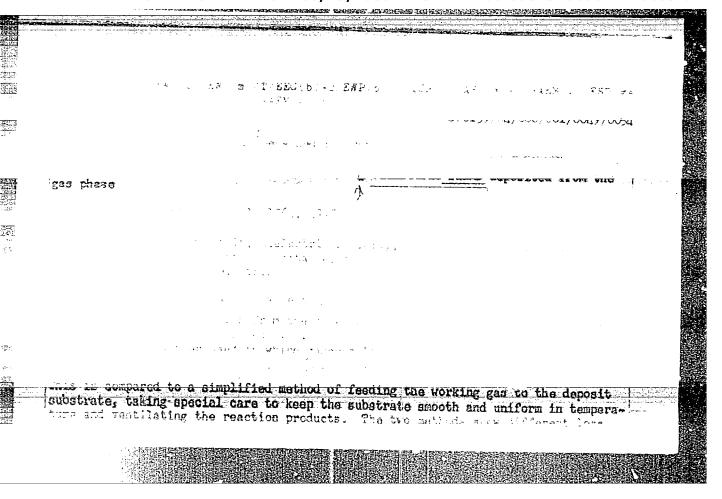


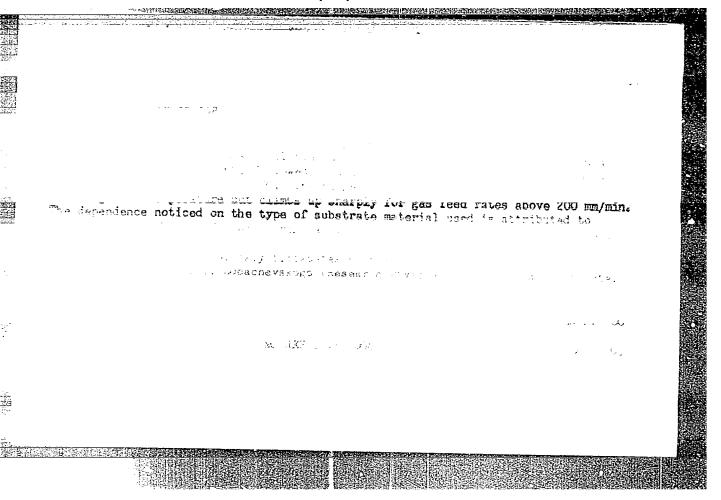
VODOP'YANOV, K.A. [deceased]; KOROBOV, A.I.; KOMAROVA, N.V.

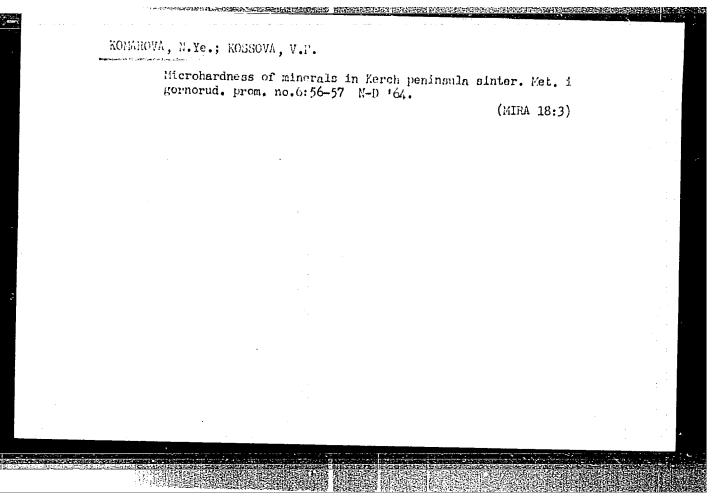
Choice of experimental conditions for producing dielectric films by way of deposition from the gaseous phase. Izv. vys. ucheb. zav.; fiz. no.1:49-54 *64. (MIRA 17:3)

1. Issledovatel skiy fiziko-tekhnicheskiy institut pri Gor kovskom gosudarstvennom universitete imeni N.I.kh ichevskogo.

 B^{λ}







KOSSOVA, V.P.; KOMAROVA, N.Ye.

Changes in the mineralogical composition of Kyrch sinters depending on its basicity. Stal 23 no.6:491-493 Je '63.

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya Kamysh-Burunskogo zhelezorudnogo kombinata.

KOMAROVA, O.I.

Effect of roentgen rays on blood morphology in rabbits following loss of the blood. Dokl. AN SSSR 96 no.5:1069-1071 Je 154. (MIRA 7:7)

1. Sverdlovskiy seliskokhoziaystvennyy institut. Predstavleno akademikom A.I.Abrikosovym.

THE PROPERTY OF THE PROPERTY O

(HEMORRHAGE, experimental, eff. of x-rays on blood morphol. in post-hemorrh. anemia) (ROMNTHIGHN RAYS, effect.

on blood morphol. in post-hemorrh. anemia in rabbits) (BLOOD, effect of radiations on,

x-rays, in post-hemorrh, anemia in rabbite)

KOMAROVA, O.I.

"Changes in the Morphological Composition of the Blood of Rabrits Under the Influence of Beta Radiation Under Conditions of Blood Loss," by O. I. Komarova, Chair of Normal and Pathologic Physiology, Sverdlovsk Agricultural Institute; and Laboratory of Radiobiology, Sverdlovsk Institute of Labor Hygiene and Occupational Pathology, Meditsinskaya Radiologiya, Vol 1, No 6, Nov/Dec 56, pp 21-24

The action of soft and hard beta radiation under conditions of blood loss resulted in no essential changes from the standpoint of the morphological composition of the blood.

The absence of significant shifts in the morphological composition of the blood on direct action of beta rays on the higher nervous centers leads to the assumption that humoral factors, along with other factors, play an essential role in hemopoietic changes in radiation sickness. (U)

(MLHA 9:10)

KOHAROVA, O.I. Therapeutic effect of saprepel. Veterinariia 33 no.9:46-47 S 156.

1.Sverdlevskiy sel'skekhezyaystvennyy institut.
(Barths, Medical and surgical uses ef)

AND CONTRACTOR OF THE PROPERTY OF THE PROPERTY

USSR / General Problems of Pathology. Inflammatory Processes.

U

Abs Jour

: Ref Zhur - Biol., No 10, 1958, No 46670

Author

Komarova O. I.

Inst

: Sverdlovsk Farm Institute.

Title

: Experimental Data on the Effect of Moltayev Sapropel

upon Inflammatory Processes in Dogs.

Orig Pub

: Tr. Sverdl. s.-kh. in-ta, 1957, 1, 225-229.

Abstract

: In dogs, inflammation (In) was produced by subcutaneous injection of 2-3 ml of turpentine or by an unsterile cut. Then, warmed Moltayev sapropel (I) was inflicted upon the skin 4-12 times for 30 minutes. In control dogs, (I) did not cause changes of phagocytic activity (PhAL), nor did it modify the number of leukocytes (NL) and the leukocytes (NL) and the leukocytic formula. At the presence of (I),

Card 1/2

USSR / General Problems of Pathology. Inflammatory Processes.

U

Aba Jour

: Ref Zhur - Biol., No 10, 1958, No 46671

Author

: Komarova O.T.

Inst

: Not given

Title

: The Dynamics of the Loshchinskiy-Kavetskiy Skin Test by Applying Moltayev Sapropel upon the Surrounding Area of

an Inflammatory Process in Rabbits.

Orig Pub

Tr. Sverdl. s.-kh. in-ta, 1957, 1, 235-237

Abstract

: Inflammation (In) was produced in rabbits by suturing a fecal matter ball under the skin. Then, sapropel which has been warmed to 40° C was applied directly to the area of In. The Leshchinskiy-Kavetskiy test with tripanic blue (I) was performed in the skin above the In focus. The limited size of the (I) spot on the inflemed skin spoke for the decreased permeability of the tissue at the

Card 1/2

: 1/1 Cerd

	Con about 11 in a bout 1 in a		
	s (Co	USER/Biology - Insects Botany "Causes of Diapause in Racemose (Polychrosis Botrana Schiff)," (Leningrad State U imeni A. A. Z.) "Dok Akad Nauk SSSR" vol Iverta	
	ns in Kirovabad and Khanlar, vabad. Gives tables of during period of develop-percentages of diapause on, and the effect of diets am of phenological periods 150711 5 (Contd) 1 Oct 49 temperature are important diapause. Submitted by Jul 49.	Lea Condand	

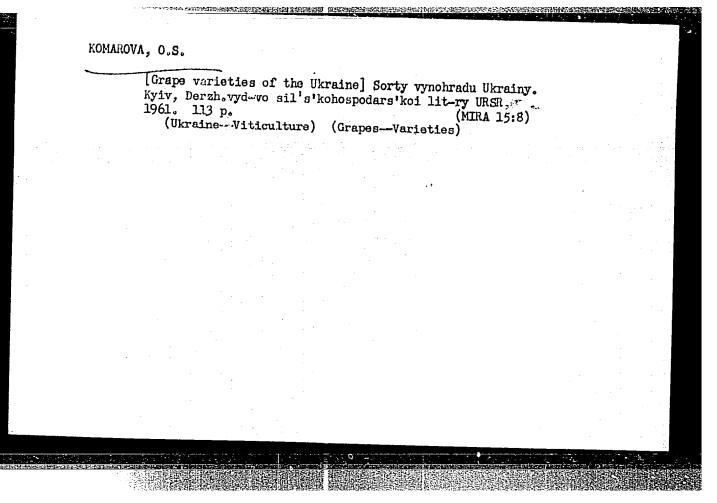
Life cycle and conditions of the development of the eudemis moth (Polychrosis botrana Schiff.). Zool.shur.33 no.1:102-113 Ja-F '54. (MIRA 7:2) 1. Kafedra entomologii Leningradskogo gosudarstvennogo universiteta i Vsesoyusnyy institut sashchity rasteniy. (Grapes--Diseases and pests) (Eudemis)

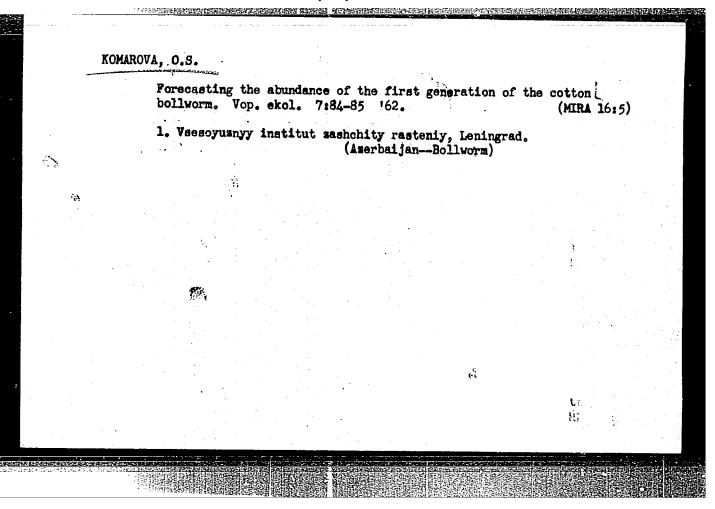
and the second s	Developmental cycle of the acorn weevil (Gurculio glandium Marsh.) in oak forests of Belgored Province. Uch. sap. IGU no.240:77-87							
	(Belgorod ProvinceWeevils)	(Oak-Diseases and	(MIRA 11:9) pests)					
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				100				

KOMAROVA, O.S.

Formation of the hibernating stock and the diapause of bollworm pupae [with summary in English]. Ent. oboz. 38 no.2:352-360 '59. (MIRA 12:7)

1. Vsesoyuznyy institut zashchity rasteniy, Leningrad.
(Azerbaijan-Bollworm) (Ukraine-Bollworm)
(Insects-Development)





KOMAROVA, 0.5.

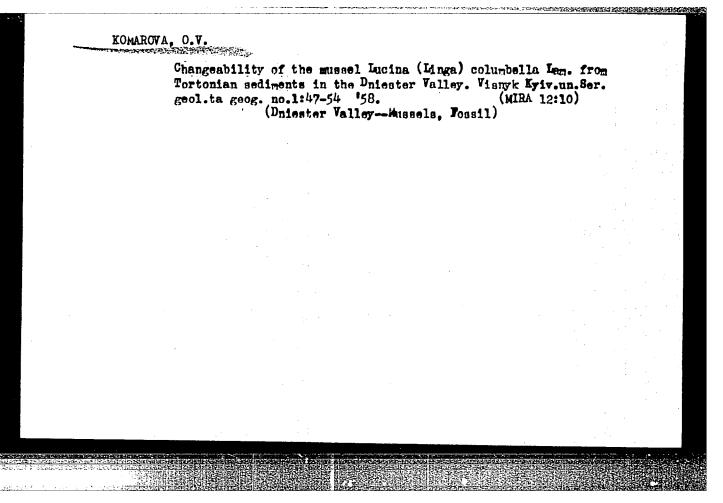
Temperature effect on the hibernation of bollworm pupae.
Zool. zhur. 43 no.10:1467-1472 '64. (MRA 17:12)

1. All-Union Research Institute of Plant Protection (Leningrad).

KOMAROVA, O.V.

Stratigraphy of middle Miocene sediments in the southwestern part of the Ukrainian S.S.R. Nauk.sap.Kyiv.un. 16 no.14:87-99
'57. (MIRA 13:4)

(Ukraine-Geology, Stratigraphic)



KOMAROVA, O. V.

Cand Geol-Min Sci - (diss) "Stratigraphy and fauna of mollusks of the Middle Miocenic deposits of the Southwestern part of the Ukrainian SSR and Moldavian SSR." Kiev, 1961. 15 pp; 1 page of tables; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Kiev Order of Lenin State Univ imeni T. G. Shevchenko); 180 copies; price not given; (KL, 5-61 sup, 179)

BAUMAN, A.V.; KCMAROVA, P.A.; DOLZHENKOV Yu.N.; KUSHCHANOV, G.K.; BRENNER, V.A.; IM, A.I.; KAZAKOV, V.M.; KOZHAKHANOV, S.; MURATOV, B.A.

Self-propelled drilling rig. Gor. zhur. no.7:75 Jl 163. (MIRA 16:8)

DVERNITSKIY, P.M.; SOK(LOV, N.V.; ALEKSISHVILI, T.I.; PROROKOV, N.I.; KOMAROVA, P.I.; NOVICHKOV, I.A.; MEDVEDEV, I.F.

Strides of the "big" chomistry. Tekst. prom. 24 no.4:1-9 Ap '64.

(MIRA 17:6)

1. Predsedatel' Vladimirskogo oblastnogo pravleniya Nauchnotekhnicheskogo obshchestva legkoy promyshlennosti (for Dvernitskiy)

2. Ucher yy sekretar' Gruzinskogo respublikanskogo pravleniya
Nauchno-tekhnicheskogo obshchestva legkoy promyshlennosti (for
Aleksishvili). 3. Predsedatel' Kostromskogo oblastnogo pravleniya
Nauchno-tekhnicheskogo obshchestva legkoy promyshlennosti (for Sokolov).

4. Direktor Ivanovskogo kilopchatobumazhnogo kombinata im. Samoylova
(for rorokov). 5. Predsedatel' Kalininskogo oblastnogo komiteta
professional'nogo soyuza rabotnikov tekstil'noy i legkoy promyshlennosti
(for Komarova). 6. Direktor Korablinskogo kombinata shelkovykh tkaney
iz shtapel'nogo volokna (for Novichkov). 7. Direktor Vsesoyuznogo
nauchno-issledovatel'skogo instituta torfyanoy promyshlennosti (for
Medvedev).

KOMAROVA, R.F.

USSR/Physics - Semi-conductors

Card 1/1

Pub. 22 - 19/47

Authors

: Bredov, M. M.; Komarova, R. F.; and Regel', A. R.

Title

Study of the change in the rectifying properties of metal-semi-conductor systems of noint-contact couplings which take place due to irradiation of

the semi-conductors by ions of alkali metals

Periodical:

Dok. AN SSSR 99/1, 69-72, Nov 1, 1954

Abstract

Experiments with metal-semi-conductor systems of point-contact couplings are described. The experiments are intended to establish a certain dependence of the rectifying properties of semi-conductors on their degree of irradiation by ions of alkali metals. Results of the study are presented. One reference (1950). Table; graph; diagrams.

Institution : Laboratory of Semi-Conductors of the Acad. of Scs. of the USSR

Presented by: Academician A. F. Ioffe, June 14, 1954

MOZHAROVA, Ye.N.; RUSANOV, A.M.; KOMAROVA, R.S.

Wee of batyl alcohol and leukogen in radiation leucopenia. Med. rad. no.9:13-16 161. (MIRA 15:1)

1. Iz TSentral nogo nauchno-issledovatel alego instituta meditsinskoy radiologii Ministerstva zdravockhraneniya SSSR.

(RADIATION SICKNESS) (LEUCOPENIA) (BATYL ALCOHOL)

(THIAZOLIDINECARBOXYLIC ACID)

40627

27.3500

S/241/62/007/002/003/004 1015/1215

AUTHORS:

Rusanov, A. M., Mozharova, Ye. N., and Komarova, R. S.

TITLE:

Chemicals employed in therapy of hemopoletic disorders due to ionizing radiation

PERIODICAL:

Meditsinskaya radiologiya, v. 7, no. 2, 1962, 42-48

TEXT: The various drugs which have been tried for treating radiation leucopenia are not effective enough. This article deals with the results of experimental and clinical study of the therapeutic effect of leukogen (2-(alpha-phenyl-alpha-carbethoxymethyl)-thiazolidine-4-carbonic acid) and batylol (alpha-octodecyl-glycerol ether-called batyl alcohol) in whole body and local irradiation. Experiments were carried out on 425 female guinea pigs weighing 300-400 g. The animals were subjected to a whole-body irradiation of 300 r at a dose rate of 23-25 r/min from a PYM-3 (RUM-3) apparatus. Leukogen and batylol were administred orally or injected i.m. in doses of 0.1-50.0 mg/kg b.w. Hematologic examinations of peripheral blood and bone marrow were performed before and after irradiation. The leucopoietic effect of leukogen was greater than that of batylol in the healthy control animals but the therapeutic effect of batylol was greater than that of leukogen in the irradiated animals. Batylol not only increased hemopoiesis but also brought about a lighter course of radiation sickness. The clinical trial of these chemicals was tried on 67 patients who developed leucopenia

X

Card 1/2

RUSANOV, A. M.; MOZHAROVA, Ye. N.; KOMAROVA, R. S.

Chemical substances in the treatment of disorders of hemopoiesis arising during the action of ionizing radiation. Med. rad. no.2: 42-49 *62. (MIRA 15:7)

(HEMOPOIETIC SYSTEM—RADIOGRAPHY)
(CHEMOTHERAPY)

PETROV, A.D. [deceased]; CHEL'TSOVA, M.A.; KOMAROVA, S.D.

Reaction of organolithium compounds of p-bromobiphenyl and p-bromo (chloro) diphenylmethane with dimethyldichlorosilane and germane. Izv. AN SSSR. Ser. khim. no.3:550-552 '65. (MIRA 18:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

SLAVCHENKO, N.A. [deceased]; KOMAROVA, S.G., red.

[Power tools in construction] Elektroinstrument v stroitel'stve; spravochnee posebie. Kiev, Budivel'nik, 1965. 1965. 170 p. (MIRA 18:12)

VASILENKO, Anatoliy Ivanovich; KOMAROVA, S.G., red.

[Small sewage purification structures] Malye ochistnye kanalizatsionnye sooruzheniia. Kiev, Izd-vo "Budivel'nyk," 1964. 99 p. (MIRA 17:11)

NOZDRACHEV, Nikolay Denisovich; DUBODELOV, Vladimir Anatol'yevich; MIROSHNIKOV, Yakov Ivanovich; KOMAROVA, S.G., red.

[Wages in construction] Oplata truda v stroitel'stve. Kiev, Budivel'nyk, 1965. 148 p. (MIRA 18:5)

RATUSHNYY, G.D.; KOMAROVA, S.N.; LYGINA, N.I.; POGREBYNYAK, E.G.

Application of ion exchange for the acidification of fruit and berry juices. Trudy KIPP no.22:371-374 '61. (MIRA 16:4)

(Fruit juices) (Ion exchange)

Fainting of machine tools. Stan. i instr. 24 no.5:20-23 My '53.

(MIRA 6:6)

(Machine tools)

TROFINOV, N.P.; ARMF'YHVA, S.A.; KOMAROVA, T.A.; LITVINENKO, T.G.; SEMOV. V.A.; SKOSYREVA, N.A.; SHCHERBAKOV, N.P.; FHDOROV, P.I., otv.red.; SAYTANIDI, L.D., tekhn.red.

[Wages on state farms; a collection of materials on wages and work norms for state farms] Oplata truda v sovkhozakh; sbornik materialov po oplate truda i normam vyrabotki v sovkhozakh. Moskva, Izd-vo M-va sel' khoz.RSFSR, 1960. 380 p. (MIRA 13:5)

1. Russia (1917- R.S.F.S.R.) Ministerstvo sel'skogo khosyaystva. Upravleniye organizatsii truda i zarabotnoy platy. 2. Upravleniye organizatsii truda i zarabotnoy platy Ministerstva sel'skogo khosyaystva (for all except Fedorov, Saytanidi).

(Wages) (State farms)

Wages of motortruck drivers. Sel'.mekh. no.3:24-25 '62.

1. Upravleniye organizatsii i oplaty truda Ministerstva sovkhozov

(Truck drivers) (Wages)

Vladimir Ivanovich Vernadskii. Vest. Mosk. un. Ser. 2: Khim. 18 no.319-4 My-Je 163. (Vernadskii, Vladimir Ivanovich, 1863-1945)

USSR/Chemistry - Physical chemistry

Card Pub. 147 - 16/21

Authors Figurovskiy, N. A., and Komarova, T. A.

Title Investigation of the crystallization kinetics of salts from supersaturated solutions. Part 1.- The kinetics of growth of single crystals.

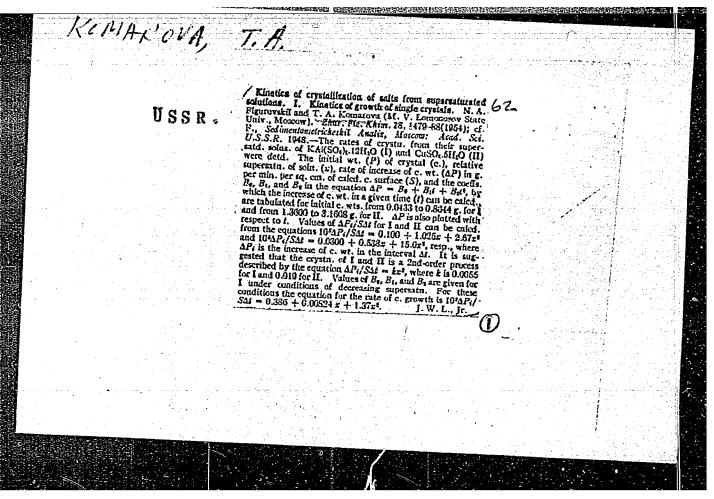
Periodical Zhur. fiz. khim. 8, 1479-1488, Aug 1954

Abstract The kinetics of the growth of single KA1(SO_L)₂ · 12H₂O and CuSO_L · 5H₂O crystals were investigated under conditions of constant reducing supersaturation. A certain parabolical dependence existing between the rate of salt crystallization and the relative supersaturation is described. It was established that the role of individual parameters, which determine the rate of crystallization, can be determined only in conditions when the effect of other factors is either eliminated or accurately defined. Nine references: 7-USSR and 2-German (1907-1950). Tables;

Institution : The M. V. Lomonosov State University, Moscow

Submitted : January 1, 1954

USSR/Engineering - Protective coating Card 1/1 Pub. 103 - 10/24 Authors : Komarova, T. A. Title : Improvement in the quality of paints for machines Periodical: Stan. i instr. 11, 23-28, Nov 1954 Abstract : The standard qualities of paints, used in the coating of metallurgical machines for the purpose of protecting these machines against the effects of corrosion, are listed. The two basic principles governing the quality of a paint, used in machine construction industry, are explained. The technological process of applying paints to metal surfaces is described. The method of applying paint coatings to surfaces of non-ferrous metals is discussed. Tables; drawings. Institution Submitted :



USSR/Chemistry - Crystallization

Card 1/1 Pub. 147 - 10/25

Authors Komarova, T. A., and Figurovskiy, N. A.

The kinetics of salt crystallization from supersaturated solutions. Part 2. Title Crystallization of salts in conditions of decreasing supersaturation.

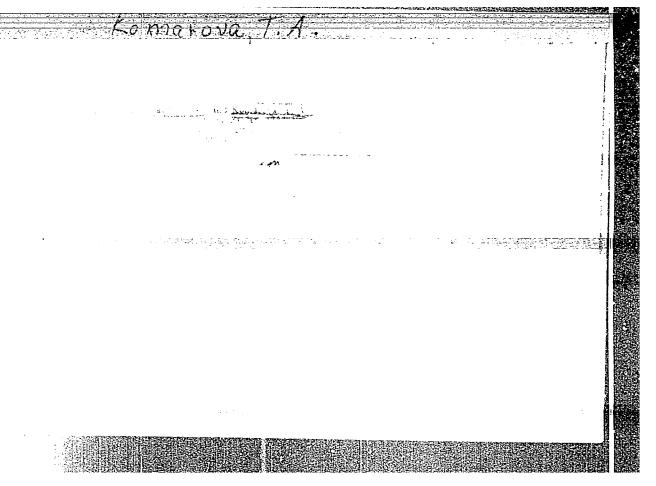
Periodical : Zhur. fiz. khim. 28/10, 1774-1781, Oct 1954

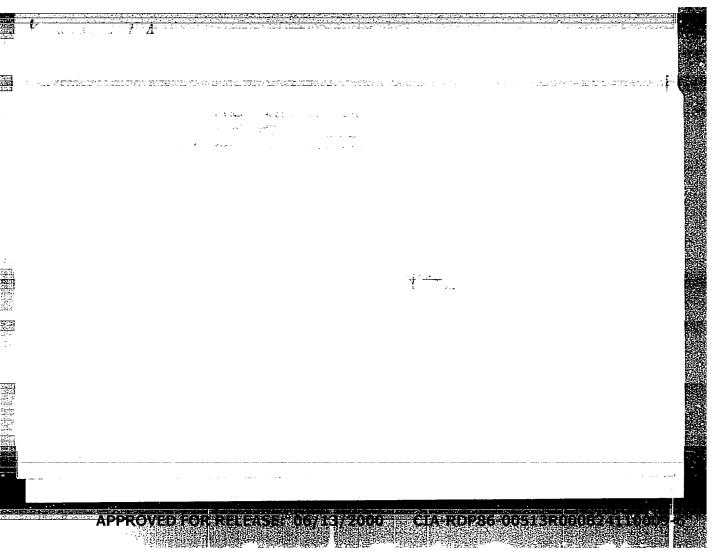
The crystallization of KA1(SO₄)₂ · 12H₂0, KC1, KJ, K₂SO₄, NH₄C1, Na₂CO₃ · 10H₂0, Pb(NO₃)₂, Na₂S₂O₃ · 10H₂0, CuSO₄ · 5H₂0 was investi-Abstract gated under conditions of decreasing supersaturation and it was established that the crystallization process has an autocatalytic nature. The changes in the average rate of crystallization depend not only upon the properties of the salt but also upon the nature of supersaturation. It was found that the volume from which separation of the substance takes place increases with the reduction in supersaturation. The existence of a critical supersaturation value was observed when the rate of salt crystallization equalled zero. Eight references: 5-USSR and 3-German (1892-1948). Table;

graphs,

Institution: The M. V. Lomonosov State University, Moscow

Submitted: January 20, 1954





CIA-RDP86-00513R000824110009-6 "APPROVED FOR RELEASE: 06/13/2000

5(4)

SOV/78-4-3-6/34

AUTHORS:

Figurovskiy, N. A., Komarova, T. A

TITLE:

On the Mechanism of the Crystallization Process (O mekhanizme

protsessa kristallizatsii)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 3,

pp 522-529 (USSR)

ABSTRACT:

The growth of crystals is considered a free radical process in view of the chain mechanism and the crystallization process. The active centers where the growth of crystals occurs are on a higher energy level than the other parts of the crystal surface. The separation of the solid phase from the solution begins at the active centers and is accompanied by the destruction of active centers and the simultaneous development of new ones. The growth process of potassium chloride is outlined as follows: The growth of the KCl crystals is due to (Kr)K+ active centers on the surface of the crystals. In supersaturated solutions associations of the hydrated molecules, such as KCl(H2O), exist.

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These associations react with active centers on the crystal surface to form free ions, which crystallize out, and to form

CIA-RDP86-00513R000824110009-6" **APPROVED FOR RELEASE: 06/13/2000**

sov/78-4-3-6/34

On the Mechanism of the Crystallization Process

free water molecules. The process whereby the crystalline nuclei are formed is considered a formation of complex atoms or ions having active centers. The occurrence of the active centers on the formation of the complex associations initiates the crystal growth process. The first stage of the process cannot be visually detected. The self-accelerating crystal growth ensues only when the branched chains are formed. New active centers can form on the surface during growth. Active centers are mainly formed at the corners and edges and at the disturbance centers of the crystals. In the case of a higher supersaturation owing to a spontaneous formation of additional active centers in the crystallization system, the crystallization process is extremely fast. The kinetics of the crystallization of KCl from solutions at different states of supersaturation has been investigated and the kinetic curves have been recorded. The curves are Sshaped. The rate of crystallization depends on the nature of the salt, the state of supersaturation, the temperature, the impurities and other factors. The rate of crystallization, considered as a chain reaction, is determined by the number of chains formed at a given moment and by the variation of the number of chains with time. The crystallization curves are

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SOV/78-4-3-6/34

On the Mechanism of the Crystallization Process

similar in appearance to the autocatalytic process. Experimental data show that the S-shape of the crystallization curve is typical of easily soluble substances. A deviation from the S-shape occurs in the case of relatively slightly or relatively highly supersaturated solutions. The influence of impurities is discussed with regard to the chain mechanism of crystallization. Some typical features distinguish the crystallization process from other chain reactions. The difference between the chain mechanism of crystallization and other homogeneous chain reactions has been discussed. The influence of the crystallization vessels on the kinetics is shown with the crystallization of Na₂CO₃.10H₂O. An investigation of the kinetics of the crystallization rate of Na₂CO₃.10H₂O in horizontal tubes having different diameters showed that an increase in the tube diameter of the crystallization vessel results in an increase in the rate. The crystallization rate is expressed by the temperature coefficient K_m :

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On the Mechanism of the Crystallization Process

$$K_{T} = \frac{1}{V_{T}} \cdot \frac{V(T+10)^{-V}T}{(T+10)-T}$$

wherein $V_{(T+10)}$ and V_{T} are the crystallization rates at temperatures T+10 and T. The coefficient K_{T} increases with an increase in temperature. The chain mechanism of crystallization has been confirmed by numerous experiments. There are 4 figures and 35 references, 27 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova,

Khimicheskiy fakulitet (Moscow State University imeni

M. V. Lomonosov, Department of Chemistry)

SUBMITTED: May 7, 1958

Card 4/4

S/076/60/034/008/027/039/XX B015/B063

AUTHORS: Figurovskiy, N. A., Komarova, T. A., and Roman'kov, Yu. I.

TITLE: Effect of Temperature on the Crystallisation of Calcium Salts From Solutions 2-7

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 8, pp. 1826 - 1832

TEXT: As the precipitation of easily filterable substances is of great importance for practical analysis, the effect of various factors upon crystallization is frequently studied. The authors have now studied the effect of temperature upon the rate of crystallization of KClO₃, KBrO₃, KIO₃, KNO₃, K₂SO₄, and KCl. The supersaturated solutions were prepared by V. M. Fisher's method (Ref.7), and crystallization was studied in a thermostat between O and 40°C. The maximum rate of crystallization v was graphically determined from the kinetic curves. In all salts it was found that v increases with temperature and with the supersaturation of the solutions, but is not always greater for those potassium salts which have Card 1/5

Effect of Temperature on the Crystallization S/076/60/034/008/027/039/XX of Calcium Salts From Solutions B015/B063

a better solubility. The increase in v is attributed to an increase in the interaction among ions with an increase in concentration and a decrease of the interaction among water molecules and between salt ions and water molecules. At 0°C, e.g., KBrO₃ and KClO₃ have a similar solubility, while the corresponding values for v differ largely. KCl and KNO₃ have the highest values of v. K₂SO₄ occupies a special position since v is practically independent of the supersaturation at 0°C. Besides, v increases only slightly at a certain relative value of supersaturation between 0° and 40°C, whereas it increases considerably in this range at two other relative values of supersaturation. The salts may be divided into three groups: K₂SO₄ and KCl exhibit the greatest change of v between 0° and 20°C; KClO₃ and KBrO₃ show a linear increase of v with temperature; and KNO₃ and KIO₃ show a great increase of v between 20° and 40°C. The temperature gradient k of crystallization which is given as 1/v_i·v_{i+1} - v_i/(T_i + 10) - T_i (1) (v_i and v_{i+1} = maximum crystallization

Card 2/5

Effect of Temperature on the Crystallization S/076/60/034/008/027/039/XX of Calcium Salts From Solutions B015/B063

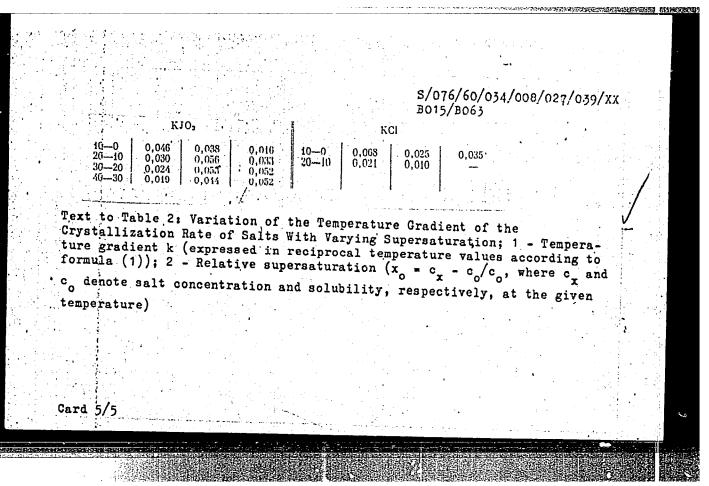
rates at T₁ and T₁ + 10, respectively), drops with a rise of temperature and increases with supersaturation (cf. Table 2). Between 0° and 20°C, the drop is more distinct than between 20° and 40°C. With a rise of temperature, the effect of the type of anion on k is lowered the more the smaller is supersaturation. There are 6 figures, 2 tables, and 22 references: 15 Soviet, 4 Indian, 2 US, and 1 German.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: November 27, 1958

Card 3/5

							merchan entire
				S/076/60 BQ15/B06	/034/008/0 3	27/039/xx	
					Таблица 2		
	Пэменени	е температурного гради при различи	ых пересыш ых пересыш	тей кристаллизаці снилх	ш солей		
	/ Te	Температурный градиент к [по формуле (1)] в обратных градуеах		Температурный градиент к [по формуле (i)] в обратных градусах			
	1. °C 2 or	юсительное пересыщение	t, °C	2 относительное	поресышение		
	$x_{\bullet} = 0$	$x_0 = 0.10 \qquad x_0 = 0.15$		$x_0 = 0.03$ $X_0 = 0.03$	10 x, = 0.15		
		KClO ₃		KNO ₃			
	10-0 20-10 30-20 40-30 0,02 0,02 0,01	9 0,039 0,040 2 0,027 0,028	10—0 20—10 30—20 40—30	0,047 0,052 0,048 0,030 0,042 0,032 0,030 0,033	0,041 2 0.040	7	
		KBrO ₃		K ₂ SO ₄	,		
	10-0 0,09 20-10 0,04 30-20 0,03 40-30 0,02	3 0,051 0,062 1 0,034 0,039	10-0 20-10 30-20 40-30	0,0084 0,070 0,0079 0,038 0,0072 0,020 0,0007 0,011	0,032		
Card 4/5	energy of the first of the second of the sec	The second secon	•	•			
	The second secon					who were the same and	



S/076/62/036/003/011/011 B119/B108

AUTHORS:

Gerasimov, Ya. I., and Komarova, T. A.

TITLE:

Nikolay Aleksandrovich Figurovskiy (On his 60th birthday)

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 3, 1962, 666 - 668

TEXT: N. A. Figurovskiy, Doctor of Chemical Sciences, Professor, completed his studies at the vtoraya kostromskaya sovetskaya shkola (Second Kostroma Soviet School) in 1919, and worked at the RKI until 1920. He has been a Communist since 1921. From 1920 to 1927, he served in the Red Army where he taught chemistry for the commanding staff of the RKKA in Kostroma in 1922, and in Ivanovo-Voznesensk in 1923. He studied at Nizhegorod University in 1925, taught chemistry at the schools of higher education in Nizhniy-Novgorod (now Gor'kiy) from 1926, and co-directed the Chemical Division of the mentioned University. In 1934, he defended in Gor'kiy his candidate's dissertation "Kapillyarnyye svoystva aktivnykh ugley" ("Capillary properties of activated carbon"), and in 1940 his doctor's dissertation "Sedimentometricheskiy analiz i yego primeneniye" ("Sedimentation analysis and its application") at the Kolloidno-elektrokhimicheskiy institut AN SSSR (Colloid-electrochemical Institute AS USSR)

Nikolay Aleksandrovich Figurovskiy ...

S/076/62/036/003/011/011 B119/B108

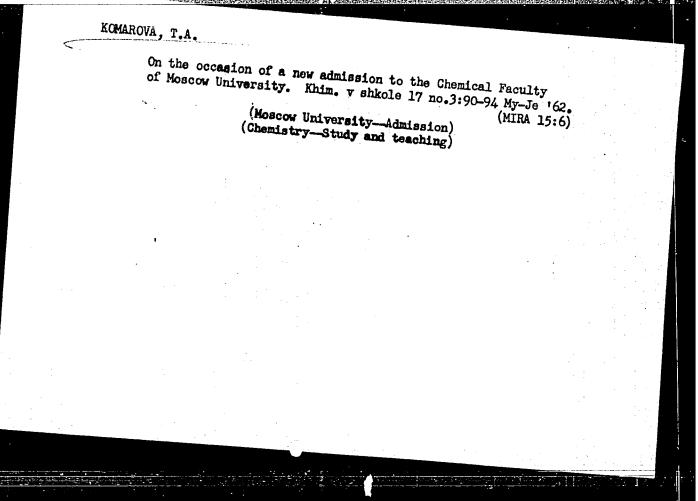
in Moscow. He volunteered at the front in 1941, became a reservist in 1944, and worked in the group of the Upolnomochennyy Goskomitet Oborony (Authorized State Committee on Defense). In 1945 - 47, he headed the Glavnoye upravleniye universitetov (Main Administration of Universities), then became Deputy Director at the Institut istorii yestestvoznaniya AN SSSR (Institute of History of Natural Sciences AS USSR) and, after reorganization, at the Institut istorii yestestvoznaniye i tekhniki (Institute of History of Natural Sciences and Technology), in 1956 he became Director of this Institute. From 1945, he was a professor at the Chemical Division of the Moskovskiy gosudarstvennyy universitet (Moscow State University), and a consultant to the Tsentral nyy nauchno-issledovatel'skiy aptechnyy institut (Central Pharmaceutical Scientific Research Institute). Two thirds of his papers deal with the history of natural sciences, especially of chemistry (papers on M. V. Lomonosov, T. Ye. Lovits, D. I. Mendeleyev, N. D. Zelinskiy, N. N. Zinin, A. P. Borodin, A. I. Khodnev, L. N. Shiehkov, G. I. Gess, P. P. Orlov, A. A. Voskresenskiy, and others). His physicochemical papers deal with (1) the development of dispersion analysis and the extension of its field of application, (2) the crystallization and formation of new phases, and (3) the application of physicochemical analysis. He is an active co-worker of the Commission of

s/076/62/036/003/011/011 B119/B108

Nikolay Aleksandrovich Figurovskiy ...

the AS USSR, and a number of international commissions for the organization of scientific conferences. He is chairman of the metodicheskiy sovet po khimii Vsesoyuznogo obshchestva po rasprostraneniyu nauchnykh i politicheskikh znaniy (Council of Chemical Methods of the All-Union Community for the Propagation of Scientific and Political Knowledge), and a member of the Presidium of this institution. He is a member of several foreign scientific institutions. N. A. Figurovskiy has been awarded several military decorations. There is 1 figure.

Card 3/3



FOMIN, A.P.; OVCHINNIKOV, F.M.; KOROVIN, M.A.; MAKURIN, N.D.; KOMAROVA, T.A.; SMIRNOVA, V.A.; ZELENETSKAYA, L.V., red.; SAYTANIDI,

[Wages on state farms and other state agricultural erterprises; basic regulations and instructions on wages]Oplata truda v sov-khozakh i drugikh gosudarstvennykh predpriiatiiakh; sbornik osnovnykh polozhenii i ukazanii po oplate truda. Moskva, Izd-vo MSKh RSFSR, 1962. 483 p. (MIRA 16:2)

1. Russia (1917- R.S.F.S.R.) Upravleniye organizatsii truda i zarabotnov platy. 2. Upravleniye organizatsii truda i zarabotnov platy Ministerstva proizvodstva i zagotovk sel'skokhozyaystvennykh produktov RSFSR (for all except Zelenetskaya, Saytanidi).

(Agricultural wages)